SUBSTITUTE ABSTRACT MARKED-UP VERSION

A polyisocyanate compound obtained by highly converting a bis(isocyanatomethyl)cyclohexane into a uretidione~~urethodione~~ compound, a process for producing the compound, a polyisocyanate polyaddition composition obtained by polyaddition of the compound, a compound having at least two hydroxyl groups and a compound having one hydroxyl group, and a powder coating material using the composition as the curing agent. The powder coating material is advantageous for safety and health due to the absence of dissociation of blocking agents and for economy due to a content of latent NCO greater than conventional uretidione-based~~urethodione-based~~ powder coating materials. When a curing agent obtained from the polyisocyanate compound is used in combination with a polyester polyol having 30% or greater of hydroxyl group bonded to secondary carbon atom in the entire hydroxyl group, the curing temperature is lowered and the coating film exhibits excellent gloss like solvent-based coating materials, smoothness of the surface, weatherability and mechanical properties.